

SOUTH PRODUCTION NOTES

July 29, 2016

11-7 Shift Notes

BASF EMPLOYEES

255 Last Recordable

315 Last Lost time

Title V Notes: Trimer – Has been fixed and calibrated, running well. WOW for secondary ORP probe on tank 2 not working. WOW for tank 2 pH reading not showing on the control room monitor.

F1 – Cleaning is done. Has been turned back on.

CTO – Running. Need to fill out the ammonia tank monitor sheet 2x a shift until the level valve is replaced.

Sly – Down.

Virons – Caustic is working to tanks.

NOx/CO system was worked on today but we are still having issues with the alarms going off.

Work To Be Done in the Department:

- Need to clean up Nickel nitrate spill in dike area so that it is ready for the pump to be fixed.
- Test F2 Overflow to make sure that it is working properly.

Equipment that needs locked out:

- Nickel Nitrate pump in dike area needs flushed out and locked out so that it can be replaced.

#1 MED / AI 5645:

Hold for calciner to be running then continue making batches.

#1 RC / AI 5645:

Coming up to temp, okay to start feeding on 3rd shift.
Remember to take surface areas.

#2 MED line / Cu 0860:

Continue making batches with Justin's instruction. A bunch of inserts are behind Hebbs office. First die plate has been failing when starting a new batch, but extrudes well once changed. We are pulling samples off the pulva for each batch per Justin's instructions (label "running well" if it is, pull another sample and label "running poorly" if that happens).

WOW for the dust collection arm by the extruder (broken support bracket)

#2 RC / Cu 0860:

Coming up to temp, okay to start feeding on 3rd shift. Will do refires when we start back up. WOW for the spiral elevator, it is getting loud.

#3 MED line / D-1780 LAQ:

Continue making batches.

#3 RC / D-1780 LAQ:

Continue feeding.

Make sure to seal pouches on labels (we have had a few fall out).

#4 RC / Cu-0228:

Started feeding on 2nd shift, continue. Keep an eye on the Trimer, especially once we start feeding RC #1.

Operators need to feed the bags in batch order and fill out feed sheet for calciner.

If we have issues with the calciner or trimer please do not restart feed; call engineer for further instructions.

#5 RC / Catoxid:

Lit. Will be waiting for feed from the PK.

When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on dayshift.

#6 RC & Dryer / D-0257:

Holding down for burner replacement.

West Pfaudler / Ni 4322:

Some material still in the Pfaudler. Continue processing wet batches.

Tanks are able to be used as long as they are in SPG range.

Feed the National Dryer.

East Pfaudler / D-0257:

We need to have this buttoned up and ready for batches by Monday morning. Please work on it this weekend.

6 Tank / Ni 4322 (Nickel nitrate):

Added 200 gal of water to tank. Shut off steam, did not want to cook down any further until we were finished with all of the redrying.

7 Tank / Ni 4322 (AMT):

Partial tank for 1/8" material batches.

National Dryer / Ni 4322:

We need to start taking samples of all of the bags coming off the national dryer and labeling them with bag # and filling out a bag off sheet. Fill bags to 2200 lbs only because this material gets a second impregnation.

PK Blender / Catoxid:

All 8 batches of sterotex/graphite for the North end were complete.

Valve was tested and is actuating but material is leaking by - WOW.

Do not open valve to the sump unless the sump is running, had issue with the bldg flooding.

Removed the rubber discharge cloth. Need to talk with operators on how to operate the new chute. Apparently a bunch of them did not know it was modified.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet. DO NOT USE - trying to get it calibrated. DP Gauge should be set at 3.5 and 4.25.

Abbe Blender /:

Abbe has been rinsed as well as the tank and the lines.

Tower 3 / E 406:

Running E 406.

Tower 6 / E 406:

Loaded with E 406 but waiting for Kristen to give the okay to start running. Hydrogen meter needs to be repaired.

North Screener / ?:

Holding for engineering. Should be fixed during shutdown.

South Screener / E 474:

Continue screening.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / AI 3915:

Running now.

#2664 (east) Pill Machine / Cleaning:

Running now.

TK #2 / Zr-0404:

Done. Blowers have been turned off and kiln is down.

Leave the saggars on - we don't know what product we will be going to next.

TK #4 / 103 GP screening:

Screening is done.

Harrop Kiln / AI-3920:

Continue running.

We need to stop feeding hot material to the screener by making a large pile on the top of the screener then turning it on after the material has cooled. By overloading the screener we are causing the product to not screen correctly and this putting us out of spec on this material. We must now rescreen a bunch of material we have already made. Please allow cars to come around and cool, and feed the screener only if you are able to keep the screener running.

Building 27 Belt Filter / Cu 6081:

Started back up. Continue. We have another 100ish batches to make.

Keep an eye on pumping copper to the tanks – it is running kind of slow.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 14 are important enough to keep running and staffed, top 6 cannot afford to have additional production interruptions.

- 1) #4 RC/Trimer
- 2) #1 MED/RC/Trimer
- 3) West Pfaudler/National Dryer
- 4) #1 RC North
- 5) North CUAPV (to keep #1 RC North running)
- 6) North PK/Wyssmont
- 7) #2 MED/RC
- 8) #3 MED/RC/CTO
- 9) South Precip/APV (PPT is low on feed)
- 10) Horne Machine
- 11) Harrop Kiln
- 12) South PK
- 13) #5 RC
- 14) Reduction Towers/Screening
- 15) PR2 AI-3915 T
- 16) Re-Screening AI-3920 T
- 17) Kneader
- 18) PR2 Cu-0864 T